

# Air Force Security And Cooperation Directorate

**AFSAC**

*War-winning Capabilities ... On Time, On Cost*



## Air Force Cooperative Logistics Supply Support Arrangement (CLSSA)

**AFLCMC/WFALA (AFSAC)**

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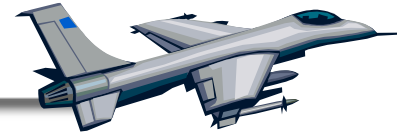
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***Integrity - Service - Excellence***



# FMS Support



## Initial Weapons System Purchase

FMS Customer initiates a major weapons system purchase

Aircraft Purchase

Initial Support Package

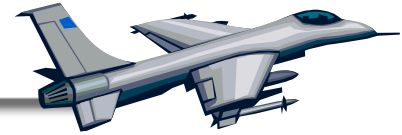
With the weapons system purchase, an initial support package is developed, including training, parts, maintenance, technical assistance, etc. Used to establish in-country operating stock

## Follow-on Support Package

Begins with the operation of the weapon system, can include training, parts and maintenance, and technical assistance, etc.



# Follow-on Support

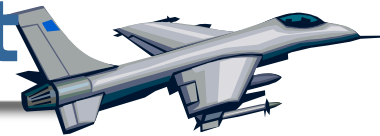


## Types of Follow-on Support

- **Technical Services**
- **Publications**
- **Support Equipment**
- **Modifications**
- **CAD/PAD**
- **Ammunition**
- **Maintenance Services**
- **Spare Parts**



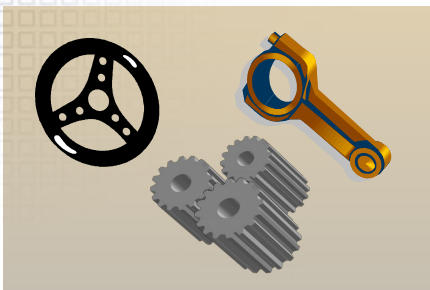
# Follow-on Spares Support



## 3 Types of Spares Support:

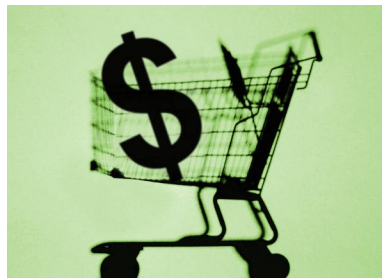
### Defined Order Case

- Specific items and quantities
- Lead time away



### Blanket Order Case

- Specific dollar amount of non-specified items
- Lead time away



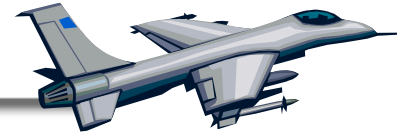
### CLSSA

- Allows USAF/DLA to stock forecasted items for future country needs
- Allows issuing of items from stock
- Result is requisitions filled in less than the lead time



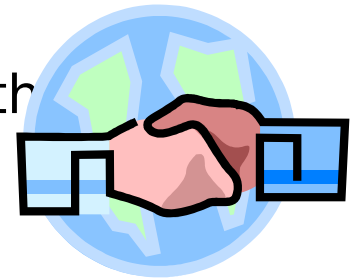


# What is CLSSA?



## Cooperative Logistics Supply Support Arrangement

- CLSSA is an arrangement between the US military service and an FMS Customer that sets forth the terms and conditions for providing more timely follow-on support for a major weapons system
- Foreign Military Sales Customer becomes a Partner in the USAF and DLA spares supply system
- CLSSA provides support equal to the USAF with priority
- Provides timely follow on spares support





# How does CLSSA Work?

## **FMSO I**

### **Stock Level Case**

- **Defines items & quantities to be stocked at US Depots which countries are financially liable for**
- **Allows FMS requirements to be included in USAF and DLA inventories and stock buys**
- **Provides the means to identify requisitions that can be filled from existing stock**
- **Requires an investment of 30% of the forecasted spares value**

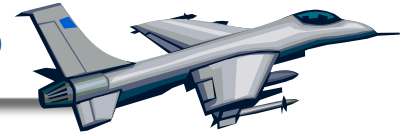
## **FMSO II**

### **Requisition Case**

- **Case used to get items from US Depot to FMS Partner**
- **Requisitions are submitted on a K case and are coded as programmed or non-programmed**



# Developing Stock Levels



**Two ways to develop stock level:**

**Major Add**

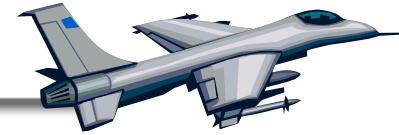
**Or**

**Continuing Adjustments**

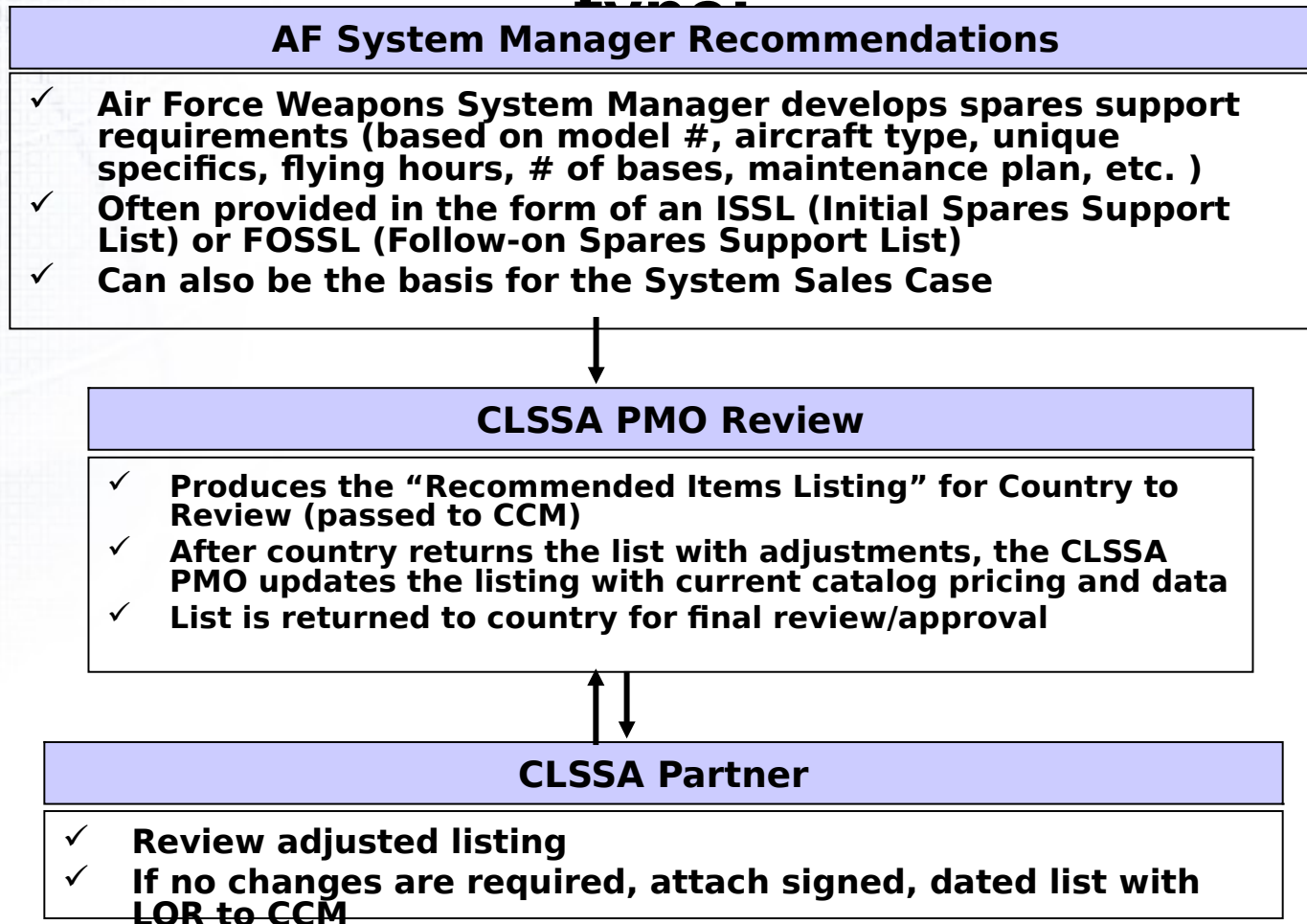




# Major Add



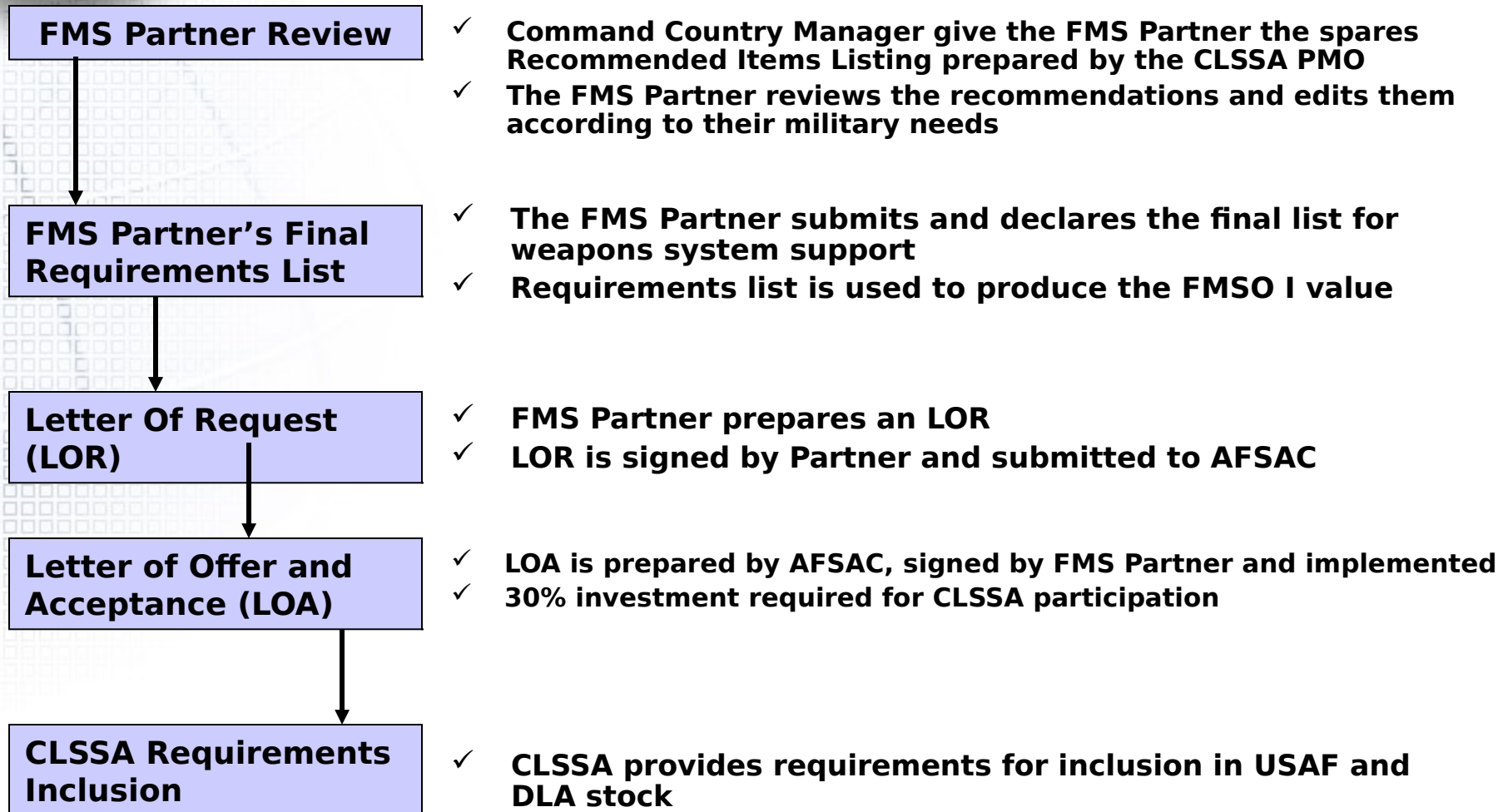
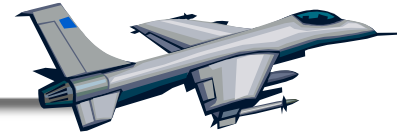
## FMS Partner chooses Major Add development





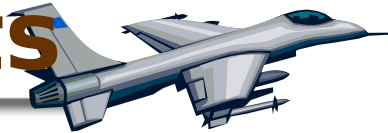


# Major Add





# Continuing Adjustments



**Normal submission of requisitions on the FMSO II case will build FMSO I stock levels**

**Requisitions will be coded programmed if eligibility criteria is met**

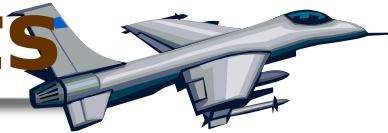
**Consumables from both DLA and USAF are eligible for CLSSA**

**USAF Common Weapon System reparable are also eligible and will build FMSO I Stock Levels**

**See CLSSA Brochure, attachment 2-1 for eligibility criteria**



# Continuing Adjustments



## SLQ: Stock Level Quantities

**Stock Level Quantity (SLQ)** = Stock Level Quantity is the FMS Customer's total forecasted FMSO I requirement, and is calculated based on 2 factors:

1. Average FMSO II case recurring monthly demand over a four year demand history period. Older requisitions have less weight than newer ones in the calculations
2. Procurement/repair lead time of the item

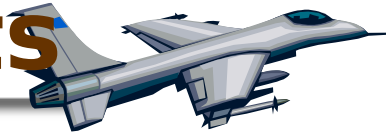
In addition, the current FMSO I price, Latest Acquisition Price (LAC), is used for calculating SLQ Value

$$\text{Avg. Monthly Demand} \times \text{Lead Time} = \text{SLQ}$$

$$\text{Avg. Monthly Demand} \times \text{Lead Time} \times \text{Price} = \text{SLQ Value}$$



# Continuing Adjustments



## **FMSO 1: Stock Level Case Spares Management Categories**

*FMSO 1 defines FMS Partner Stock Levels  
calculated using last 4 years programmed requisitions*

### **AA, AB, BB, CC: Active Stock Level Files**

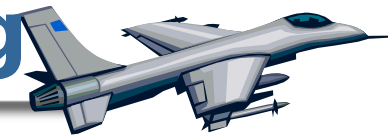
- **AA:** USAF Investment (Reparable) Items
  - Procurement through an A01 requisition
- **AB:** USAF Investment (Reparable) Items
  - Repair and Replace through an H-coded requisition
- **BB:** USAF Expense Items (Consumables)
  - Procurement through an A01 requisition
- **CC:** DLA Expense Items (Consumables) (No liability)
  - Procurement through an A01 requisition

**LI:** Liability File Items

**TR:** Termination File Item



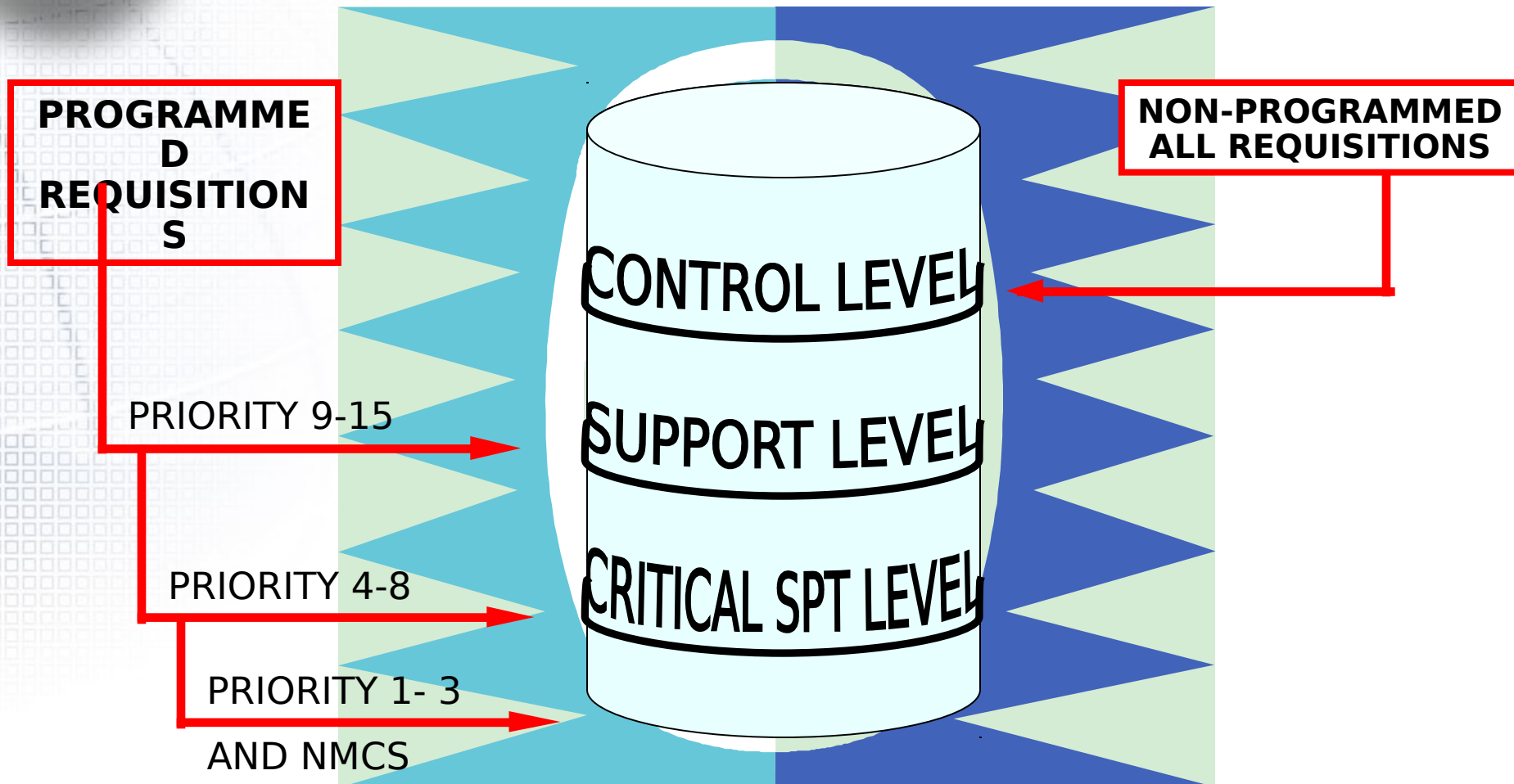
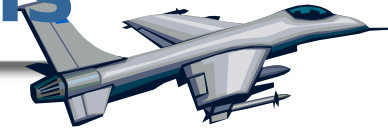
# CLSSA Requisition Coding



- **Programmed Requisition** = a status assigned to a FMSO II requisition by SAMIS to indicate the requisition should be filled **from on-hand or on-ordered stock based on priority.** (Requisitions must be for a quantity within the available Eligible-to-be-Programmed Quantity (EPQ) to be programmed)
- **Non-programmed Requisition** = a status assigned to a FMSO II requisition by SAMIS to indicate the requisition will not normally be filled by on-hand depot stock. Can only be filled from stock if an excess exists.



# Stock Levels & Requisitions

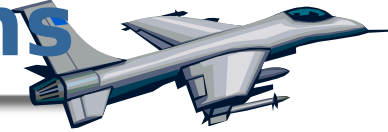


- Eligible for support from stock

- Lead time away

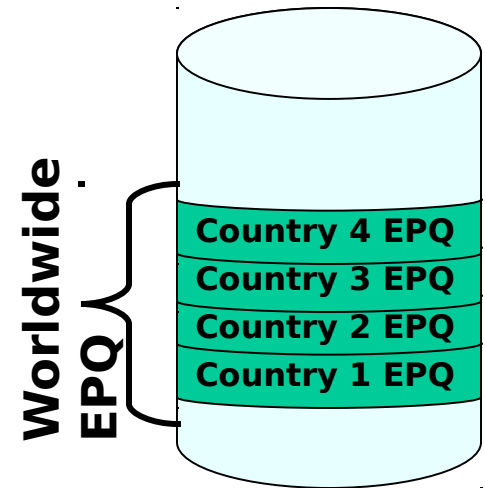


# Stock Levels & Requisitions



## EPQ: Eligible-to-be-Programmed Quantities

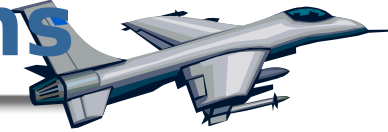
- **Eligible-to-be-Programmed Quantity (EPQ)**  
= the total matured requirements and is that portion of the SLQ that SAMIS uses to code requisitions as programmed (eligible for programmed support from depot stock)
- Both SLQ and EPQ are re-computed by SAMIS every quarter (more programmed support is available at the beginning of the quarter)







# Stock Levels & Requisitions



## SLQ vs. EPQ

- **SLQ** = the total number of required assets over the lead time of item. A manufacturer incrementally delivers assets to the depot as they are completed.

- **EPQ** = the amount of incrementally delivered assets projected to be on hand at any point in time

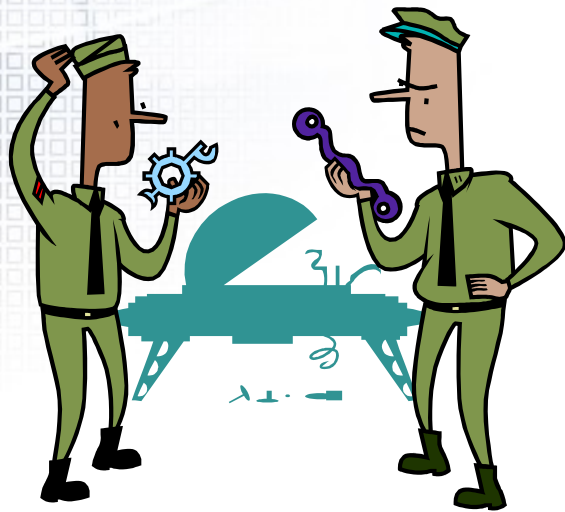
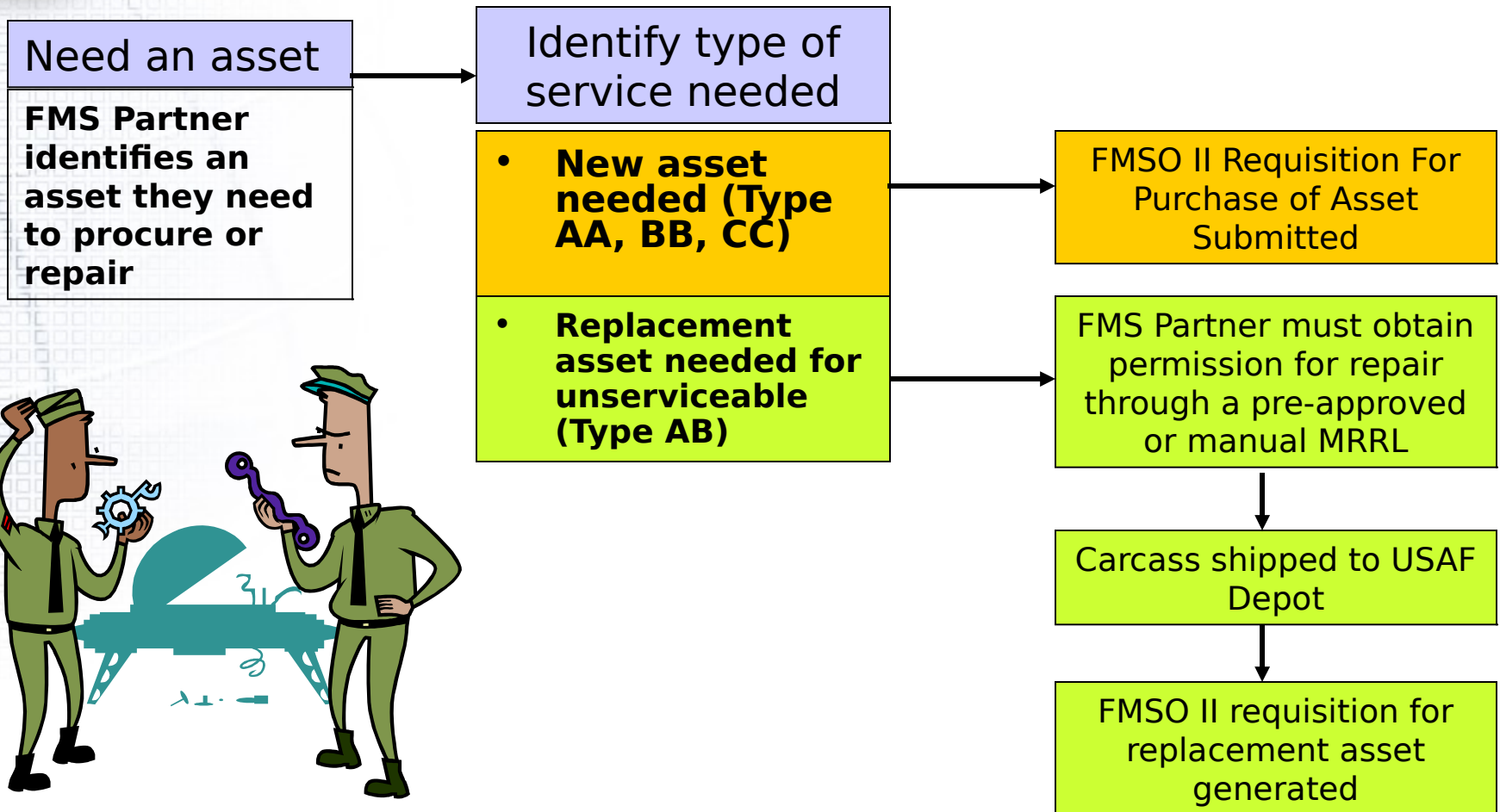
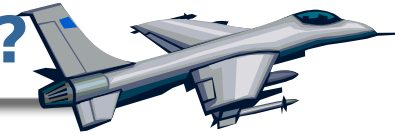
**Total Worldwide CLSSA Requirement = sum of all CLSSA Customers SLQs**

**Total Worldwide EPQ = sum of all CLSSA Customers' EPQs**

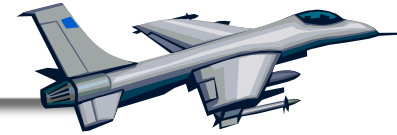
**CLSSA is a cooperative program: CLSSA Customers share Worldwide EPQ to code requisitions as programmed.**



# CLSSA FLOW: How Does CLSSA Support Spares?



# CLSSA FLOW: Requisition for Procurement



Identify type of  
service needed

- **New asset needed  
(Type AA, BB, CC)**

Determine Eligibility of  
Asset for Procurement

- Verify sufficient funding is in place for procurement
- Only spare parts (ERRC C, T, N and P) may be requisitioned on FMSO II K Case
- Verify asset is supported by US depots
- Check CLSSA Handbook Attachment 2-1 for list of eligible items (if unsure, submit anyway)

FMSO II Requisition For  
Purchase of Asset Submitted

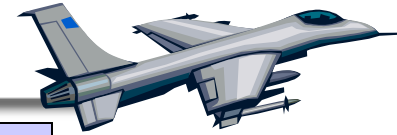
FMS Partner:

- Determines urgency of need (Priority)
- Uses Delivery Term Code 5
- Uses V type of Assistance Code
- Uses demand code R (Recurring)
- Submits MILSTRIP requisition in the Air Force system SAMIS using ILCS, TELEX, STARR/PC or sends the requisition to case manager

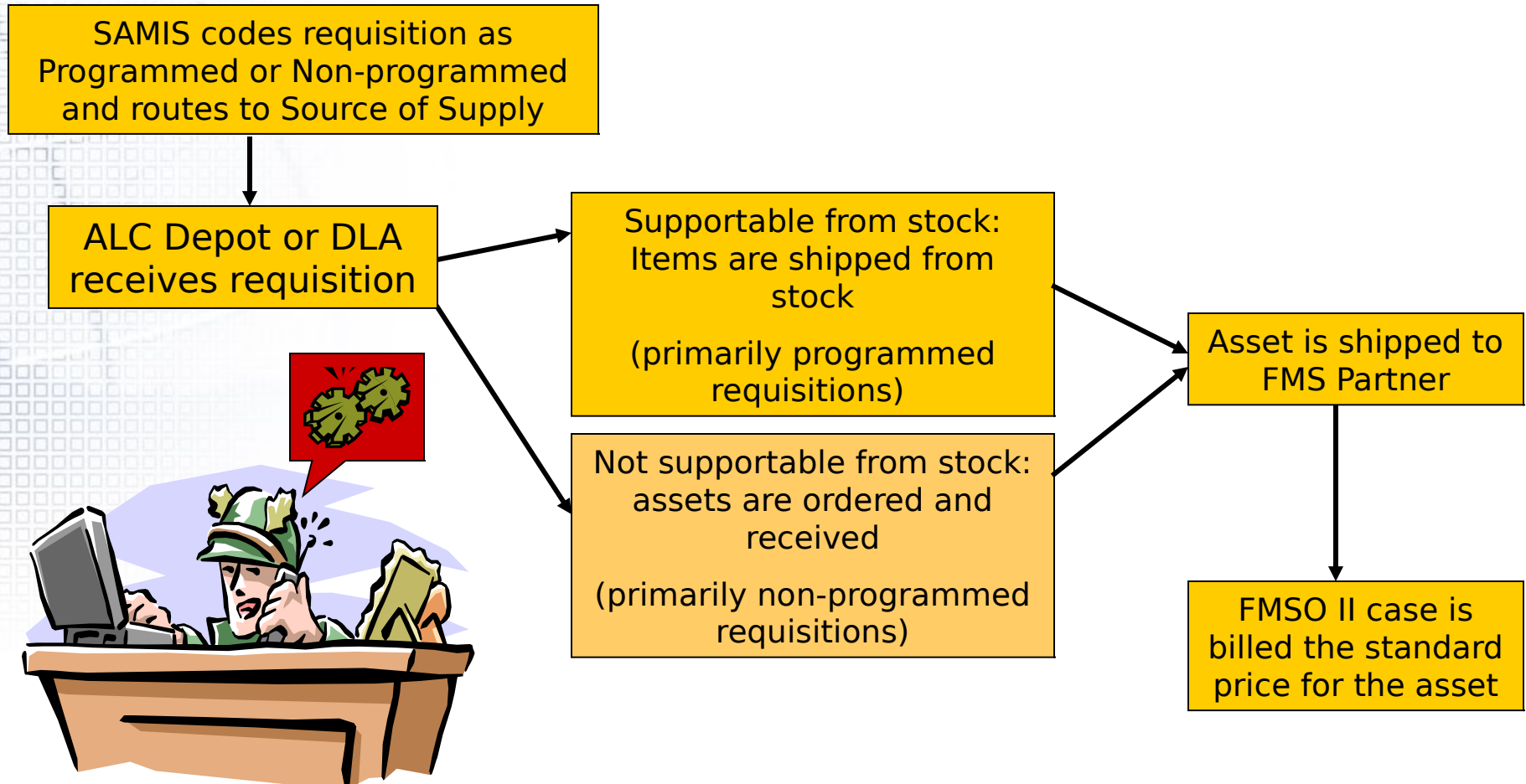




# CLSSA FLOW: Requisition for Procurement



FMSO II Requisition is Processed and Fulfilled





# **FMS Flow:**

## **Repair/Replace vs. Repair/Return**

### **Types of Repair: Repair/Replace vs. Repair/Return**

#### **Repair/Return**

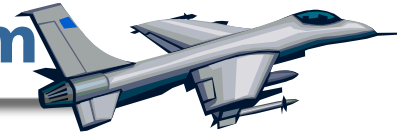
- **Repair/return is non-programmed**
- **The ALC repairs the exact item the FMS Partner sends and returns it to them**
- **FMS Partner pays actual repair costs**
- **Must be on “M” Repair/return Case**
- **Uses custom commits**
- **Usually requires the item to be individually serial number controlled versus standard, interchangeable, uncontrolled spare parts.**

#### **Repair/Replace**

- **The FMS Partner gets the first available item as a replacement for their returned carcass (could be from repair line or from new procurement)**
- **FMS Partner pays the average repair cost of item**
- **Can be on “K” Case (programmed) or “M” Case (non-programmed)**
- **Uses A01 - H-coded requisitions created by SAMIS upon receipt of unserviceable asset at the ALC**
- **Average requisition cost is 51% of the standard price**



# CLSSA FLOW: Repair/Replace Exchange Program



Identify type of service needed

- **Replacement asset needed for unserviceable (Type AB)**

Determine **eligibility** of asset for repair/replace

- Verify sufficient funding is in place for repair/replace
- Only repairable parts (ERRC C and T) may be requisitioned on FMSO II K Case
- Check CLSSA Handbook Attachment 2-1 for list of eligible items
- Verify asset is supported by US depots

FMS Partner must have **AUTHORIZATION** for repair through an **active MRRL**





# FMS Flow: Repair/Replace Approval Process



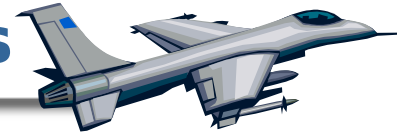
## Material Repair Requirements List (MRRL)

- A MRRL is an authorization to return a carcass using the Repair/Replace Program
- The carcass cannot be returned without an approved MRRL
- Quarterly, a list of all active MRRLs (both Manual and Preauthorized) are provided to the Partner
- 2 types: **Pre-authorized MRRL** and **Manual MRRL**





# CLSSA Flow: Repair/Replace Approval Process



## MRRL: 2 Types

### Preauthorized Materiel Repair Requirements List (MRRL)

*Used for NSN that:*

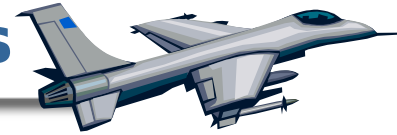
- At least one CLSSA FMS Partner has a repair stock level
- Has an ALC Item Manager and a listed Repair Source
- Meets repair/replace eligibility criteria

*Other details:*

- FMS Partner is a participant in CLSSA repair stock levels
- Preauthorized MRRLs only apply to returns against FMSO II K-cases. Carcasses submitted for repair/replace on another type of case are not eligible to utilize Pre-authorized MRRLs.
- All FMS Customers are provided with the same Pre-authorized list of items.



# CLSSA Flow: Repair/Replace Approval Process



## MRRL: 2 Types

### Manual Materiel Repair Requirements List (MRRL)

*Used for NSN that:*

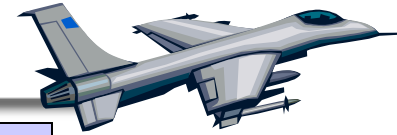
- There is no existing pre-authorized MRRL OR if repair/replace is for a case other than the K-case
- ALC Item Manager approves repair

*Other details:*

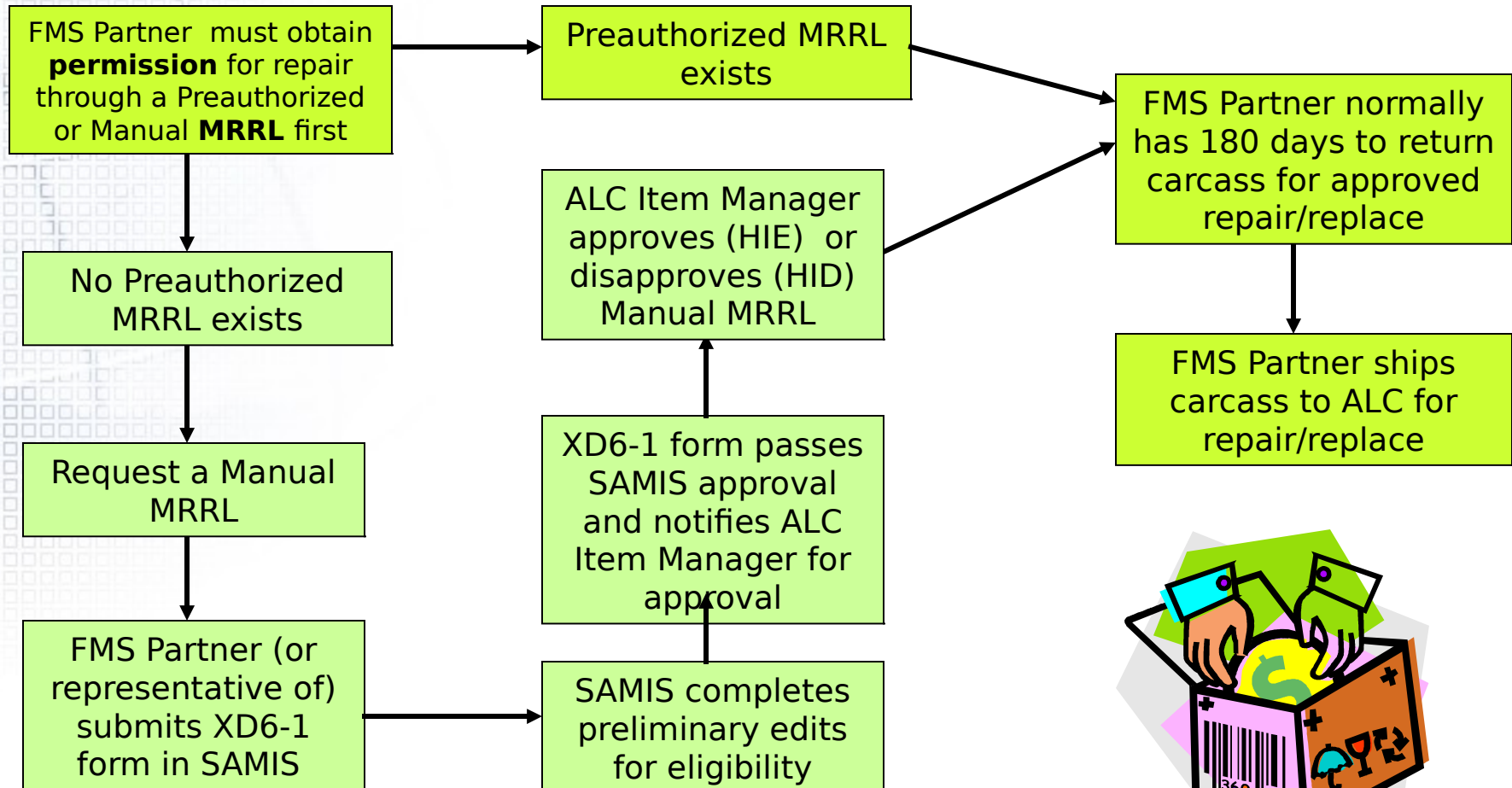
- FMS Partner or representative (FLO, CCM, CM) submits an XD6-1 Manual MRRL Request Form:
  - XD6-1 form is transmitted through SAMIS
  - SAMIS does preliminary edits
  - Requests passing SAMIS checks go to the Item Manager for final approval
  - Item Manager approves or denies the Manual MRRL request
  - If accepted, FMS Partner has 180 days (normally) to return the carcass
- Rejected MRRLs are provided to the Case Manager and the FMS Partner: some can be corrected and re-entered
- Accepted Manual MRRLs are provided to the Case Manager and the FMS Partner



# CLSSA FLOW: Requisition for Repair/Replace

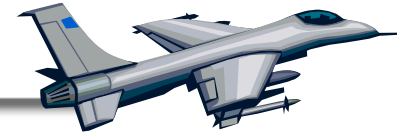


FMSO II Requisition is Processed and Fulfilled





# CLSSA FLOW: Requisition for Repair/Replace



FMSO II Requisition is Processed and Fulfilled

ALC Depot receives  
approved carcass for  
repair/replace

ALC sends  
receipt to  
SAMIS

In SAMIS, the D6E  
receipt generates  
a requisition

Carcass enters  
stock for future  
repair

**FMSO II H-coded Requisition**  
for repair/replace of carcass is  
generated

SAMIS codes  
requisition as  
Programmed or  
Non-programmed  
and sends back to  
ALC

- MILSTRIP requisition is generated in the Air Force system SAMIS

FMS Partner:

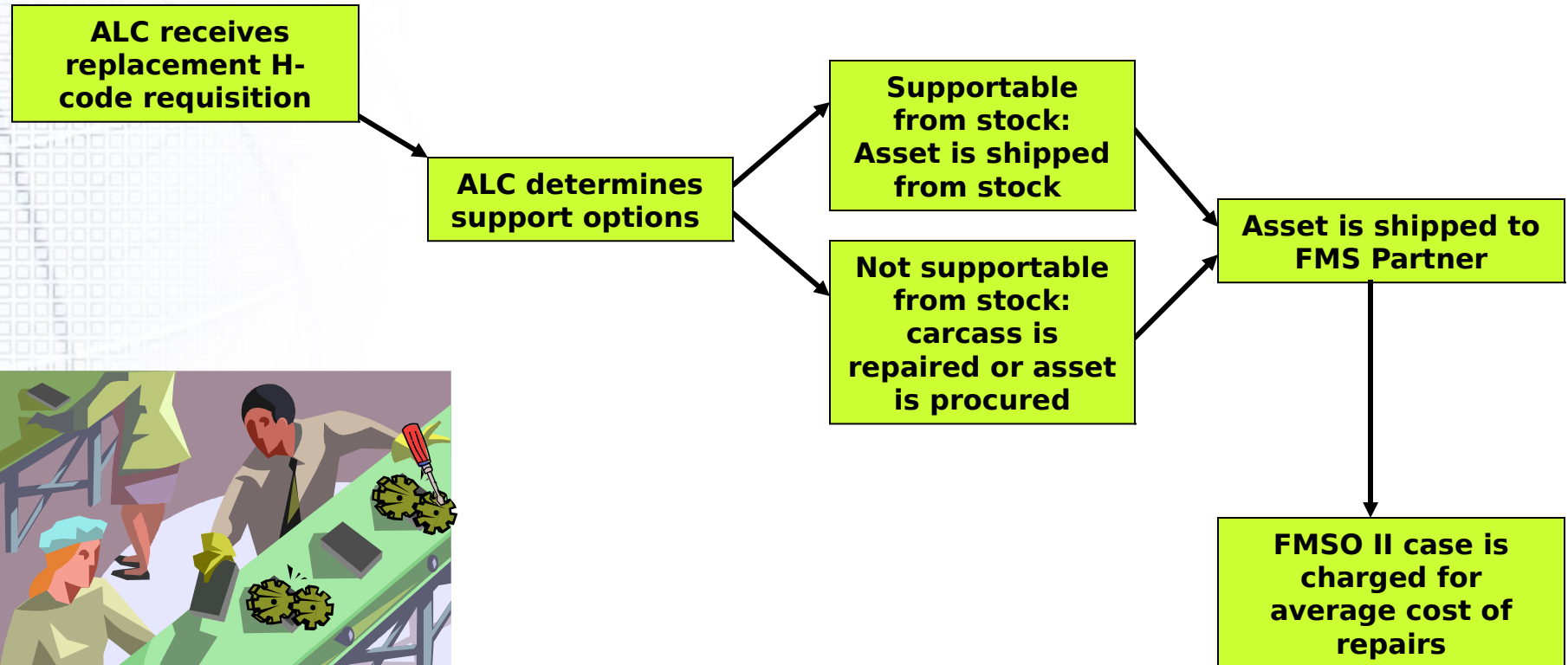
- Determines urgency of need (Priority)
- Uses Delivery Term Code 5
- Uses V type of Assistance Code
- Uses demand code R (Recurring)



# CLSSA FLOW: Requisition for Repair/Replace

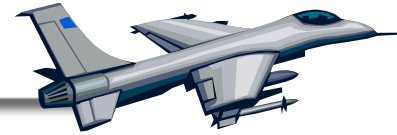


FMSO II Requisition is Processed and Fulfilled





# CLSSA FLOW



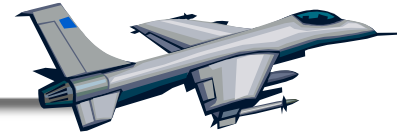
## **TO MAKE THE BEST USE OF CLSSA AND THEREBY MAXIMIZE REQUISITIONS CODED PROGRAMMED:**

- ☐ **Use a steady vs. peaked demand**
- ☐ **Submit requisitions early in the quarter**
- ☐ **Requisitions for a relatively small quantity are more likely to be programmed**
  - **If requisitioned quantity exceeds Worldwide EPQ, entire requisition is non-programmed**
- ☐ **Review the FMSO I and II cases frequently**





# CLSSA FLOW: Termination and Liability



## LI: Liability File

### What is a Liability File?

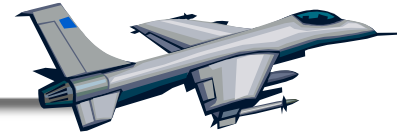
- **SAMIS re-computes FMSO I stock levels quarterly**  
**When there is a reduction in FMS Partner stock level:**
  - **The excess FMSO I stock is moved to the Liability File**
  - **Purpose: to identify and clear excess FMS inventory *and* the associated financial liability for those quantities through requisitions and stock level adjustment**
  - **This balances stock level fluctuations to avoid immediate negative impact**
  - **DLA items are automatically cleared and therefore excluded from Liability File**
  - **Items can remain on Liability file as long as *any* FMS Customers have an active stock level for the item**







# CLSSA FLOW: Termination and Liability



## TR: Termination File

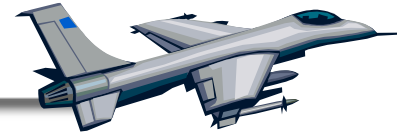


### What is a Termination File?

- When *no* FMS Customers have active stock levels for that item, the Liability quantity remaining is moved to the Termination File
  - Purpose: to identify and clear excess FMS inventory *and* the associated financial liability for those quantities through any means available, especially Item Manager absorption
  - DLA items are automatically cleared and therefore excluded from Termination File
  - Items remain in Termination file for 2 years, during which multiple attempts are made to resolve the liability (note: most excess items are cleared/absorbed)
  - After the 2-year period, remaining items must be cleared through **Drawdown Requisition** for the materiel to be shipped and billed to the FMS Partner



# CLSSA FLOW: Termination and Liability



## Skeleton and Drawdown Requisitions

A **Skeleton Drawdown Requisition** is created at the expiration of the two year termination period for the NSN and quantity. The “skeleton” requisition is missing the document number, supplementary address, and disposition code. The FMS Partner must provide the missing information within 90 days.

Once the missing information is obtained and entered, the **Drawdown Requisition** is complete for the materiel to be shipped and billed to the FMS Partner. The Item Manager makes one more attempt to absorb the stock prior to filling the drawdown requisition.

The FMS Partner also has the option to remove the items from liability. They can do this using one of two methods:

1. Submit a non-H-coded non-recurring requisition
2. Complete an XD5-7 transaction (for a partial quantity) or an XD5-8 transaction (for the full quantity), which will result in a Drawdown Requisition)





# CLSSA REPORTS

- SAMIS 454 GBL – Pull product - Shows FMSO I stock level, liability, and termination values
- SAMIS 455 GCB – Pull product – Shows country's current stock levels by NSN – separated by category (AA, AB, BB, etc.)
- SAMIS 456 GCC – Pull product – Shows current and previous quarter's stock level for a given NSN – also shows lead time and requisition history for 16 quarters
- SAMIS 457 GCD – Pull product – Shows how requisitions are coded by SAMIS, i.e programmed, non-programmed, ineligible, > EPQ, etc.
- SAMIS 120 HIA – Quarterly report showing both Pre-Authorized and Manual MRRLs – approved quantities, expiration date, ship to address, etc.
- For more details on each of these reports, and additional reports, see the CLSSA Brochure, chapters 9-16



# Worldwide CLSSA Requisition Fill Times



CATEGORY	< 15 DAYS	< 30 DAYS	< 90 DAYS	< 180 DAYS
H-CODES				
<b>Programmed</b>	54.5% (514/943)	65.9% (621/943)	86.4% (815/943)	96.3% (908/943)
<b>Non-Programmed</b>	31.3% (147/470)	49.4% (232/470)	75.5% (355/470)	96.4% (453/470)
USAF INVESTMENT ITEMS				
<b>Programmed</b>	42.3% (55/130)	64.8% (83/130)	76.2% (99/130)	82.3% (107/130)
<b>Non-Programmed</b>	40.4% (42/104)	55.8% (58/104)	63.5% (66/104)	68.3% (71/104)
USAF EXPENSE ITEMS				
<b>Programmed</b>	68.1% (113/166)	74.7% (124/166)	85.5% (142/166)	89.8% (149/166)
<b>Non-Programmed</b>	35.2% (31/88)	36.4% (32/88)	45.5% (40/88)	63.6% (56/88)
DLA ITEMS				
<b>Programmed</b>	34.9% (8695/24948)	73.6% (18367/24948)	88.7% (22125/24948)	92.7% (23116/24948)
<b>Non-CLSSA</b>	32% (4495/14030)	63.5% (8907/14030)	81.6% (11450/14030)	87.9% (12327/14030)

Legend: X% (Y/Z)

X%=Fill Rate for Quarter, Y=Number Shipped in Quarter, Z=Total Requisitions in Quarter

(SAMPLE DATA ONLY - ACTUAL DATA on AFSAC On-LINE - AFSAC METRICS TAB)